

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
NO. P-D002

APPLICATIONS SOFTWARE
13 April 1983

DEFENSE INTELLIGENCE AGENCY
INSTALLATIONS DATA FILE REPORT

SYMBOLIC TITLE: DIAIDF
PROGRAMMER:

STAT

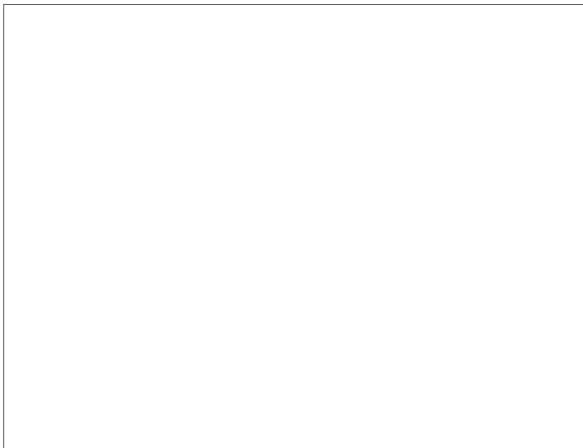
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Program DIAIDF

Date 10 December 1981

APPROVALS

This operations manual has been reviewed and approved by the following persons:



STAT

8 APR 82
(date)

9 APR 82
(date)

Date 10 December 1981

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SUMMARY

The DIAIDF is a COBOL program which reads DIA tapes on EURASIA and Middle East. The program then produces three reports which are used in IEG/O&RD.

This program then uses the WAC-BE number from the tape and tries to retrieve the same WAC-BE from the IDF. If the record exists in our IDF file, both the DIA and IDF records are written to the matched changes report. If the record does not exist, the action code in the DIA record is checked for an "A", "C", or "D". If the code is an "A" or "C" the DIA record is written to the Unmatched Additions and Changes Report. If the code is a "D" the DIA record is written to the Unmatched Deletes.

This program uses the COBOL Report Writer to format the three reports. The report is written on 1471 paper.

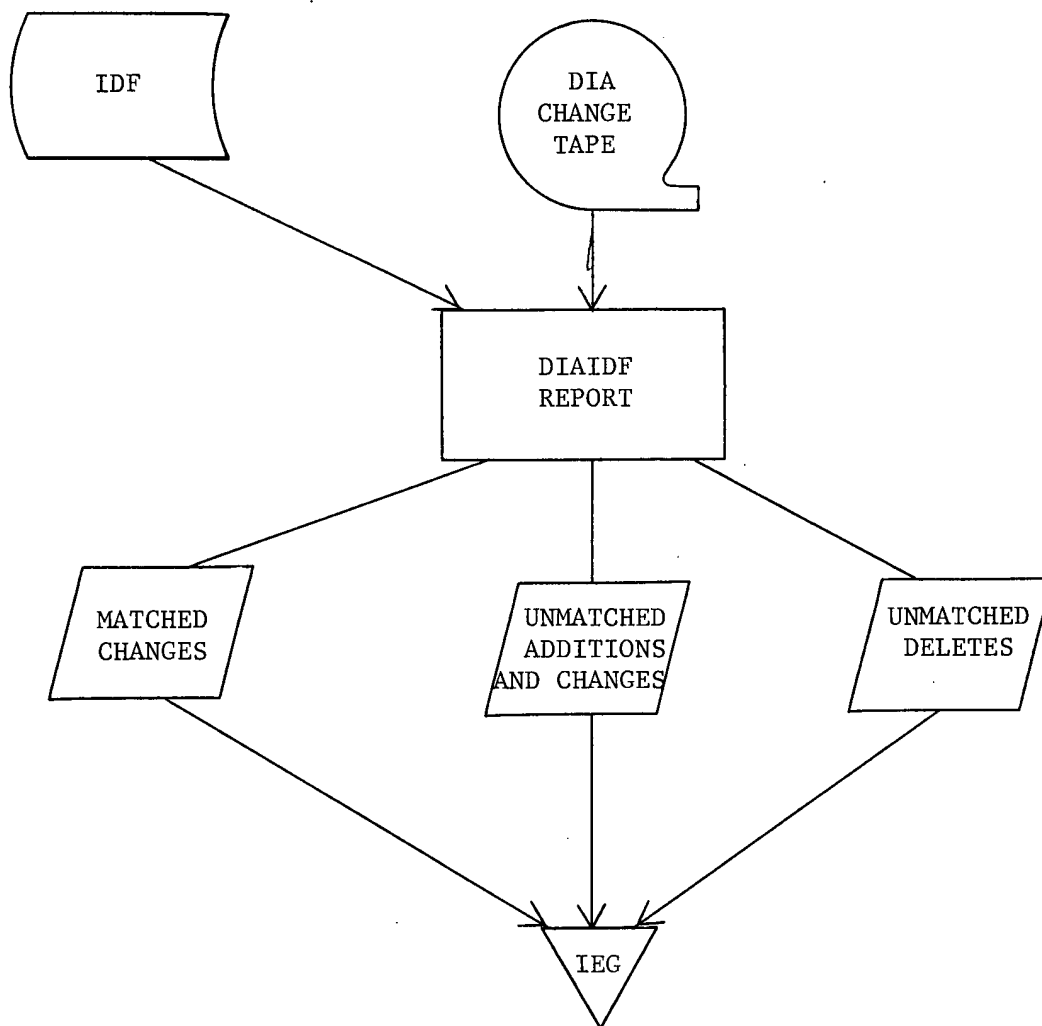
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OPERATIONAL FLOW CHART



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COMPILE RUNSTREAM

```

XOT*W$RUN(1).DIAIDF/COMP
1  @RUN DIAIDF,S33741069/CATROW,999,99999
2  @SYM,D PRINT$
3  @ADD XOT*W$RUN.DIAIDF/USES
4  @ASG,T TPF$.
5  @ERS TPF$.
6  @DELETE,C XOT*C-DIAIDF.
7  @USE C-DIAIDF.,XOT*C-DIAIDF.
8  @ASG,UP XOT*C-DIAIDF.
9  @RRKPT PRINT$/C-DIAIDF
10 @ASG,A SOURCEFILE.
11 @COPY,S SOURCEFILE.DIAIDF,TPF$.SOURCE
12 @FREE,R SOURCEFILE.
13 @ASG,A NDS*PRODSHEMA.
14 @ADMLP,ZE TPF$.SOURCE,TPF$.SOURCE
15 @ACOB,ES TPF$.SOURCE,TPF$.DIAIDF
16 @FREE,R NDS*PRODSHEMA.
17 @ASG,AX RELFILE.
18 @COPY,R TPF$.RELFIL.
19 @PACK RELFILE.
20 @FREE,R RELFILE.
21 @RRKPT PRINT$
22 @SYM,D PRINT$
23 @FIN
24 @ED,R XOT*C-DIAIDF.
25 FC END A
  
```

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MAP RUNSTREAM

XOT*WSPJN(1 : DIAIDE/ MAP

1	@RUN DIAIDE.S37701029/ (ATEOL.XC1.556.99.009
2	@SYM,D PRINTS
3	@ADD XOT*WSPJN.DIAIDE/USES
4	@ASG,T TPF.
5	@ERS TPF.
6	@DELETE,C XOT*M-DIAIDE.
7	@USE M-DIAIDE.XOT*M-DIAIDE.
8	@ASG,UP XOT*M-DIAIDE.
9	@PRKPT PRINTS/M-DIAIDE
10	@ASG,A COM*P\$REL.
11	@ASG,A NDS*R-SUB.
12	@ASG,A NDS*DMRMT.
13	@MAP.IS .TPF.DIAIDE
14	IN REFILE.DIAIDE
15	IN REFILE.C\$WORKDIAIDE
16	IN NDS*DMRMT.LINKERA
17	IN NDS*R-SUB.
18	IN COM*P\$REL.PEADTP
19	END
20	@FREE,R NDS*R-SUB.
21	@FREE,R NDS*DMRMT.
22	@FREE COM*P\$REL.
23	@ASG,AX AB\$FILE.
24	@COPY,A TPF..AB\$FILE.
25	@PACK AB\$FILE.
26	@FREE,R AB\$FILE.
27	@PRKPT PRINTS
28	@SYM,D PRINTS
29	@FIN
30	@ED,R XOT*M-DIAIDE.
31	FC END

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EXECUTION RUNSTREAM

```

XOT*W*FLM(1).DIAIDF/XOT
1  @RUN DIAIDF,S33741069/CAT90,XOT,999,99999
2  @DELETE,C XOT*PRINT1.
3  @DELETE,C XOT*PRINT2.
4  @DELETE,C XOT*PRINT3.
5  @ASG,CP XOT*PRINT1.
6  @ASG,CP XOT*PRINT2.
7  @ASG,CP XOT*PRINT3.
8  @ASG,AX XOT*WSARS.
9  @COPY,A XOT*W*ABS.DIAIDF,TPC.
10 @FREE,R XOT*WSARS.
11 @ASG,T XOT*DIA-FILE..USH////////Q,DIAIP1
12 @XOT DIAIDF
13 @FREE XOT*PRINT1.
14 @FREE XOT*PRINT2.
15 @FREE XOT*PRINT3.
16 @SYM XOT*PRINT1.
17 @SYM XOT*PRINT2.
18 @SYM XOT*PRINT3.
19 @SYM PRINTS
20 @FIN

```

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MAGNETIC TAPE INPUT

Contents and Description of Tape Data

Input to this program is the Match/Mismatch tapes that are received from DIA.

Type of Unit (7 Track or 9 Track)

9-Track

Standard Tape Label: EURASIAN TDI
(to be inserted by programmer)

Label Block File Name:

Mode: 800

Code: Packed ASCII

Record and Block Size: 235 characters per record, 1 record per block

File Sequence:

Source Program:

Source Component:

Disposition: Return tape to Tape Library.

Restrictions:

Quantity:

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HIGH-SPEED PRINTER OUTPUT

Identification: DIAIDF

Format:

Type of Form: 1471-1 pt.

Disposition: Send listing to Operations & Resources Division (O&RD)

Output consists of three reports:

REPORT #1 - Match Changes
REPORT #2 - Unmatched Additions and Changes
REPORT #3 - Unmatched Deletes

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ON-LINE COMPUTER PROCESSING

EQUIPMENT REQUIREMENTS

Computer: UNIVAC 1100

Schema Used:

Storage:

Core Required -

I Bank -

D Bank -

Peripheral Devices: UNISERVO - 9-track

Restrictions:

Files Accessed:

Files Created/Deleted:

File Size:

Approximate Number of Accesses:

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NORMAL RUN INSTRUCTIONS

Initiation: The operator should start the following runstream from the console.

ST DIAIDF or
ST XOT*P\$RUN.DIAIDF/XQT

Monitor:

Message

Cause

Operator Action

None

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ABNORMAL RUN INSTRUCTIONS

Messages:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
NO RECORDS IN DIA-FILE	BAD OR WRONG TAPE	GET THE RIGHT OR A GOOD TAPE
NO MATCH ON ACTION CODE	TAPE HAD UNEXPECTED DATA	CALL TO ATTENTION OF THE REQUESTOR
ERROR STATUS _____	DMS ERROR	0313 or 0307 CALL PB/DBS
GEN-ERROR _____	DMS ERROR	0313 or 0307 CALL PB/DBS